

Abstract

The invention relates to a process for preparing a support for catalysts, which comprises:

- 5 a) preparing a hydrogel;
 b) milling the hydrogel to give a finely particulate hydrogel;
 c) producing a slurry based on the finely particulate hydrogel;
 d) drying the slurry comprising the finely particulate hydrogel to give the support for catalysts,

wherein a finely particulate hydrogel in which

- 10 - at least 5% by volume of the particles, based on the total volume of the particles, have a particle size in the range from $> 0 \mu\text{m}$ to $\leq 3 \mu\text{m}$; and/or
 - at least 40% by volume of the particles, based on the total volume of the particles, have a particle size in the range from $> 0 \mu\text{m}$ to $\leq 12 \mu\text{m}$, and/or
 - at least 75% by volume of the particles, based on the total volume of the
15 particles, have a particle size in the range from $> 0 \mu\text{m}$ to $\leq 35 \mu\text{m}$,

is produced in step b).